

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

5 1-2. (cancelled)

3. (previously presented) A method of printing cartridge maintenance comprising:

reading printing history data for said printing cartridge and a
10 predetermined usage threshold stored in a memory device on said printing cartridge;

refilling at least a portion of said printing cartridge if usage of said cartridge, as determined from said printing history data, does not exceed said predetermined threshold; and

15 determining a remaining useful life of said printing cartridge by comparing said printing history data and said predetermined threshold.

4. (previously presented) The method of claim 3, wherein determining a remaining useful life of said printing cartridge further comprises
20 outputting an indication of said remaining useful life.

5-19. (cancelled)

20. (previously presented) A device refilling system comprising:
a printing cartridge for containing a supply of consumable
substance;

a memory device incorporated with said cartridge for recording a
5 printing history of said cartridge; and

a refilling station for reading information recorded on said
memory device and selectively refilling said cartridge;

wherein said refilling station includes a computer for reading said
printing history of said memory device and for determining a remaining useful
10 life of the cartridge; and

wherein said computer compares said printing history to one or more
predetermined useful life metrics.

21. (original) The system of claim 20, wherein said memory
15 device comprises a non-volatile memory chip readable by a computer.

22. (original) The system of claim 21, wherein said memory
device comprises an RFID having an antenna for communication with a
transmitter of a printing device or said refilling station.

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23-24. (cancelled).

25. (previously presented) The system of claim 20, wherein said refilling station prevents refilling of said cartridge if said computer determines said cartridge has no remaining useful life.

5 26. (previously presented) The system of claim 20, wherein said refilling station further comprises a supply of consumable substance.

27. (original) The system of claim 26, wherein said filling station further comprises a consumable substance delivery port for refilling said
10 cartridge.

28. (original) The system of claim 27, wherein said cartridge further comprises a consumable substance refill port configured for engagement with said substance delivery port for receiving consumable
15 substance from said refilling station.

29. (original) The system of claim 28, wherein said cartridge further comprises an inkjet cartridge.

20 30. (original) The system of claim 28, wherein said cartridge further comprises a toner cartridge.

31. (original) The system of claim 30, wherein said toner cartridge is a laser printer toner cartridge or a copier toner cartridge.

32. (original) The system of claim 20, wherein said printing history comprises one or more of: printing cartridge use time, quantity of consumable substance delivered, number of pages produced, number of pixels
5 printed, number of cleaning cycles performed, number of calibrations cycles performed, types of jobs printed, age of printing cartridge from manufacture date; and cartridge time above a specified temperature.

33. (original) The refilling station of claim 20, further comprising
10 a consumable substance gauge for measuring the amount of consumable substance in said printer cartridge.

34-61. (cancelled)